

# **WORK DONE IN 2017**

## **RE-WHEELING**

Scraped in the whitemetaled boxes to fit the journals

Craned wheelsets into the yard

Assembled the axleboxes and springs etc onto the axles to ensure everything fits

New axlebox lids made and fitted

Axlebox lubrication spigots assembled onto the angle brackets and fitted to the frames above the horn openings

Loco lifted and wheeled including pony truck

All the horn ties fitted and pinned up

All loco spring adjusters and springs fitted and pinned up.

## **PIPEWORK**

Vacuum pump oil feed pot bracket modified to take 2<sup>nd</sup> oil pot

Vacuum pump oil feed pipes made and fitted

Vacuum brake train pipe run made and fitted new throughout

Vacuum brake chamber side pipe run made and fitted

New steam heat pipe run made new and fitted

All new brackets and clips for vac and steam heat pipe runs made

New steam heat cocks being machined

Oil boxes fitted up into respective positions

All axlebox lubrication pipework has been made new and fitted along with requisite clips

New jockey valve bracket made to fit along with new valve

Water valve elbows beneath bunker made new

## **TANKS, CAB AND BUNKER**

Both tanks and bunker went away for internal coating

Bunker fitted and bolted to the frames

Bunker tank breather pipe and bracket made new and fitted

Remaining baffles bolted into the tanks on return

Internal drain pipes and delivery pipe tube fitted into both tanks

Water level indicator and linkage installed into L/H tank

Both tank fronts trimmed to fit over motion bracket

New breather mushrooms fitted

Side tanks fitted and bolted down

All balance pipe elbows fitted

Steel cab floor made

Cab floor filler plates made and fitted

Cab roof dropped onto engine

Cab backsheet drilled and bolted to bunker

Cab side joining plates made and drilled

Bunker door latch mechanism made, doors finished and bolted in place

New rear window protection bars made and fitted

New side weather doors and runners made and fitted

Cab door and window catches made

New cab doors finished off and fitted into place

New sanding levers made and installed in the cab

Sanding linkages connected up, adjusted and finished off

Cylinder cock linkage from footplate to cylinder block re-made, repaired and re-fitted

Reverser Quadrant, lever and catch installed

Cab beading joining and finishing parts being fitted

## **FRAMES**

Vacuum pump fitted

Vacuum retaining valve fitted

New valve fittings machine

Brake gear pull rods re-bushed

Brake gear pins all been hardened and ready to fit

Brake hangers, beams and blocks fitted

Brake shaft bearings made and fitted

Brake shaft had handbrake arm welded on and aligned

Handbrake screw finished and trial fitted to check fit with new arm on the brake shaft

Brake shaft has been fitted and alignment checked

New brake linkage between brake shaft and adjuster made new

Vacuum brake cylinder and reservoir installed.

New rocking shaft bearings made.

Cylinders and smokebox saddle lagged and cladding fitted.

Front running plate adjusted for a better fit

Pony truck oilbox fitted and plumbed in including adjusting front plate beneath smokebox to allow oil pipes to be run

## **BOILER**

Foundation ring removed.

All studs drilled out

All holes re-tapped

Major corrosion has been built up with weld and ground back

Ring re-fitted

## **NEW SHINY BITS ARRIVED**

Fully assembled valve bobbins with rings

New piston rods.

New rocking shaft cap

Injectors returned after bodies have been machined and new cones and caps all fitted

New lubricator has been collected

Piston head castings.